



8165 E. Kaiser Blvd. Anaheim, CA 92808

www.lightlaboratory.com

## Photometric Test Report

### IES FLOOD REPORT

PHOTOMETRIC FILENAME : L052510790.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L052510790

[TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)

[ISSUE DATE] 6/4/2025

[MANUFAC] Vista Professional Outdoor Lighting

[LUMCAT] 1142-WG-RGBW-(G)

[LUMINAIRE] 1142 Wall Grazer Green Output

[BALLASTCAT] ELDOLED PW50U-M4Z0X1

[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND

[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.

[MORE] Base file 80239581-42

[INPUT] 120VAC

[TEST PROCEDURE] IESNA:LM-79-19

Note: Candela values converted from Type-C to Type-B

### CHARACTERISTICS

NEMA Type	7 H x 4 V
Maximum Candela	1359
Maximum Candela Angle	0H 5V
Horizontal Beam Angle (50%)	102.7
Vertical Beam Angle (50%)	35.8
Horizontal Field Angle (10%)	148.8
Vertical Field Angle (10%)	59.5
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Beam Lumens	714
Beam Efficiency	N.A.
Field Lumens	1201
Field Efficiency	N.A.
Spill Lumens	74
Luminaire Lumens	1275
Total Efficiency	N.A.
Total Luminaire Watts	20.84
Ballast Factor	1.00

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**AXIAL CANDELA**

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	5	85	0
75	124	75	1
65	300	65	7
55	479	55	15
47.5	607	47.5	24
42.5	697	42.5	34
37.5	773	37.5	48
33	841	33	138
29	900	29	485
25.5	941	25.5	634
22.5	972	22.5	760
19.5	1004	19.5	893
17	1024	17	989
15	1043	15	1053
13	1057	13	1105
11	1068	11	1147
9	1078	9	1205
7	1087	7	1281
5	1090	5	1359
3	1094	3	1261
1	1096	1	1152
0	1096	0	1096
-1	1096	-1	1050
-3	1094	-3	962
-5	1090	-5	882
-7	1087	-7	810
-9	1078	-9	748
-11	1068	-11	689
-13	1057	-13	635
-15	1043	-15	600
-17	1024	-17	575
-19.5	1004	-19.5	552
-22.5	972	-22.5	452
-25.5	941	-25.5	162
-29	900	-29	54
-33	841	-33	43
-37.5	773	-37.5	38
-42.5	697	-42.5	30
-47.5	607	-47.5	19
-55	479	-55	8
-65	300	-65	3
-75	124	-75	0
-85	5	-85	0
-90	0	-90	0

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**CANDELA TABULATION**

Maximum Candela = 1359

Beam Edge = 679.5 Cd (50% of Max.)

Field Edge = 135.9 Cd (10% of Max.)

\* Indicates Values Inside Field Edge

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>-90.0</b>	<b>-85.0</b>	<b>-75.0</b>	<b>-65.0</b>	<b>-55.0</b>	<b>-47.5</b>	<b>-42.5</b>	<b>-37.5</b>	<b>-33.0</b>	<b>-29.0</b>
<b>90.0</b>	0	0	0	0	0	0	0	0	0	0
<b>85.0</b>	0	0	0	0	0	0	0	0	0	0
<b>75.0</b>	0	0	0	0	0	0	0	1	0	0
<b>65.0</b>	0	0	1	2	3	4	4	5	5	5
<b>55.0</b>	0	0	2	5	7	9	11	12	12	13
<b>47.5</b>	0	1	4	9	14	16	18	20	21	22
<b>42.5</b>	0	2	10	18	21	24	26	27	29	30
<b>37.5</b>	0	2	23	41	55	44	45	44	43	43
<b>33.0</b>	0	3	40	86	134	151 *	143 *	142 *	123	131
<b>29.0</b>	0	3	60	138 *	228 *	293 *	327 *	356 *	386 *	423 *
<b>25.5</b>	0	3	77	183 *	300 *	387 *	442 *	486 *	518 *	544 *
<b>22.5</b>	0	4	92	215 *	355 *	453 *	515 *	568 *	606 *	637 *
<b>19.5</b>	0	4	106	248 *	397 *	510 *	590 *	652 *	701 *	740 *
<b>17.0</b>	0	4	111	276 *	432 *	557 *	641 *	713 *	769 *	817 *
<b>15.0</b>	0	4	114	299 *	459 *	593 *	678 *	755 *	814 *	874 *
<b>13.0</b>	0	4	117	322 *	502 *	627 *	715 *	792 *	856 *	916 *
<b>11.0</b>	0	5	119	344 *	549 *	658 *	755 *	837 *	898 *	958 *
<b>9.0</b>	0	5	120	341 *	595 *	708 *	796 *	896 *	956 *	1006 *
<b>7.0</b>	0	5	122	334 *	632 *	755 *	840 *	941 *	1033 *	1082 *
<b>5.0</b>	0	5	124	326 *	590 *	774 *	882 *	959 *	1039 *	1121 *
<b>3.0</b>	0	5	124	317 *	548 *	710 *	826 *	925 *	1009 *	1066 *
<b>1.0</b>	0	5	124	306 *	502 *	641 *	740 *	824 *	897 *	958 *
<b>0.0</b>	0	5	124	300 *	479 *	607 *	697 *	773 *	841 *	900 *
<b>-1.0</b>	0	5	121	290 *	462 *	585 *	670 *	745 *	807 *	865 *
<b>-3.0</b>	0	5	114	270 *	428 *	542 *	617 *	687 *	740 *	795 *
<b>-5.0</b>	0	5	108	249 *	392 *	495 *	565 *	636 *	690 *	737 *
<b>-7.0</b>	0	4	100	228 *	356 *	464 *	531 *	590 *	642 *	684 *
<b>-9.0</b>	0	4	92	207 *	338 *	437 *	496 *	551 *	595 *	633 *
<b>-11.0</b>	0	4	85	187 *	322 *	409 *	468 *	516 *	553 *	585 *
<b>-13.0</b>	0	4	77	177 *	306 *	391 *	441 *	485 *	517 *	547 *
<b>-15.0</b>	0	3	68	166 *	289 *	372 *	418 *	459 *	491 *	516 *
<b>-17.0</b>	0	3	60	153 *	272 *	354 *	400 *	437 *	469 *	495 *
<b>-19.5</b>	0	3	50	133	246 *	316 *	379 *	413 *	441 *	467 *
<b>-22.5</b>	0	3	40	105	200 *	241 *	266 *	315 *	351 *	369 *
<b>-25.5</b>	0	2	30	73	118	132	122	138 *	154 *	160 *
<b>-29.0</b>	0	2	21	43	51	52	49	50	46	44
<b>-33.0</b>	0	2	12	21	24	29	32	35	37	39
<b>-37.5</b>	0	1	7	13	20	25	27	30	32	33
<b>-42.5</b>	0	1	3	9	16	19	21	23	25	26
<b>-47.5</b>	0	0	2	6	10	12	14	15	16	17
<b>-55.0</b>	0	0	1	2	4	5	6	6	7	8
<b>-65.0</b>	0	0	0	0	1	2	2	2	2	3
<b>-75.0</b>	0	0	0	0	0	0	0	0	0	0
<b>-85.0</b>	0	0	0	0	0	0	0	0	0	0
<b>-90.0</b>	0	0	0	0	0	0	0	0	0	0

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CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	0	1	1	1	1	1	1	1	1	1
65.0	6	6	6	6	6	6	7	7	7	7
55.0	13	14	14	14	14	15	15	15	15	15
47.5	22	23	23	24	24	24	24	24	24	25
42.5	32	32	32	32	33	33	33	33	34	34
37.5	44	44	46	46	46	47	47	48	48	48
33.0	144 *	147 *	138 *	143 *	146 *	135	139 *	144 *	147 *	147 *
29.0	437 *	441 *	455 *	461 *	485 *	478 *	480 *	501 *	511 *	503 *
25.5	564 *	583 *	593 *	604 *	614 *	621 *	624 *	631 *	636 *	637 *
22.5	665 *	686 *	701 *	713 *	723 *	737 *	743 *	749 *	754 *	759 *
19.5	778 *	801 *	823 *	840 *	852 *	864 *	876 *	879 *	885 *	893 *
17.0	858 *	890 *	911 *	929 *	941 *	955 *	969 *	973 *	981 *	987 *
15.0	910 *	942 *	967 *	989 *	1000 *	1016 *	1027 *	1035 *	1043 *	1047 *
13.0	956 *	987 *	1014 *	1035 *	1053 *	1064 *	1077 *	1088 *	1092 *	1098 *
11.0	998 *	1028 *	1055 *	1075 *	1089 *	1108 *	1117 *	1128 *	1136 *	1141 *
9.0	1053 *	1076 *	1102 *	1122 *	1136 *	1152 *	1167 *	1170 *	1187 *	1188 *
7.0	1126 *	1163 *	1187 *	1210 *	1223 *	1242 *	1259 *	1266 *	1277 *	1284 *
5.0	1181 *	1205 *	1248 *	1271 *	1285 *	1302 *	1319 *	1331 *	1329 *	1340 *
3.0	1110 *	1149 *	1184 *	1207 *	1224 *	1239 *	1255 *	1262 *	1264 *	1266 *
1.0	1001 *	1035 *	1064 *	1088 *	1106 *	1118 *	1133 *	1146 *	1154 *	1158 *
0.0	941 *	972 *	1004 *	1024 *	1043 *	1057 *	1068 *	1078 *	1087 *	1090 *
-1.0	907 *	936 *	965 *	986 *	1004 *	1016 *	1030 *	1040 *	1046 *	1054 *
-3.0	839 *	865 *	891 *	910 *	924 *	937 *	948 *	953 *	959 *	965 *
-5.0	773 *	800 *	825 *	839 *	851 *	861 *	871 *	876 *	879 *	881 *
-7.0	714 *	737 *	755 *	772 *	782 *	789 *	802 *	806 *	807 *	812 *
-9.0	656 *	676 *	693 *	706 *	713 *	724 *	730 *	738 *	744 *	746 *
-11.0	605 *	622 *	638 *	650 *	656 *	666 *	669 *	677 *	682 *	680 *
-13.0	566 *	583 *	594 *	604 *	612 *	618 *	624 *	629 *	631 *	633 *
-15.0	537 *	551 *	563 *	571 *	578 *	584 *	591 *	594 *	597 *	599 *
-17.0	513 *	525 *	538 *	547 *	553 *	559 *	563 *	569 *	571 *	573 *
-19.5	489 *	504 *	514 *	519 *	529 *	532 *	540 *	542 *	544 *	547 *
-22.5	378 *	387 *	402 *	417 *	417 *	419 *	442 *	427 *	427 *	436 *
-25.5	162 *	164 *	164 *	158 *	168 *	169 *	153 *	172 *	179 *	174 *
-29.0	46	49	51	49	50	51	50	49	52	53
-33.0	40	41	41	42	42	42	43	43	43	44
-37.5	34	35	36	36	37	37	37	37	37	38
-42.5	27	28	29	29	29	29	29	30	30	30
-47.5	17	18	18	19	18	19	19	19	19	19
-55.0	8	8	8	8	8	8	8	8	8	8
-65.0	3	2	2	3	3	3	3	3	3	3
-75.0	0	0	0	0	0	0	0	0	0	0
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles	Horizontal Angles									
	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	1	1	1	1	1	1	1	1	1	1
65.0	7	7	7	7	7	7	7	7	7	6

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**CANDELA TABULATION - (Cont.)**

55.0	15	15	15	15	15	15	15	15	15	15
47.5	25	24	24	24	25	25	24	24	24	24
42.5	34	34	34	34	34	34	34	33	33	33
37.5	48	48	48	48	48	48	48	48	47	47
33.0	144 *	141 *	138 *	141 *	144 *	147 *	147 *	144 *	139 *	135
29.0	494 *	489 *	485 *	489 *	494 *	503 *	511 *	501 *	480 *	478 *
25.5	637 *	635 *	634 *	635 *	637 *	637 *	636 *	631 *	624 *	621 *
22.5	763 *	763 *	760 *	763 *	763 *	759 *	754 *	749 *	743 *	737 *
19.5	892 *	894 *	893 *	894 *	892 *	893 *	885 *	879 *	876 *	864 *
17.0	989 *	990 *	989 *	990 *	989 *	987 *	981 *	973 *	969 *	955 *
15.0	1052 *	1057 *	1053 *	1057 *	1052 *	1047 *	1043 *	1035 *	1027 *	1016 *
13.0	1104 *	1108 *	1105 *	1108 *	1104 *	1098 *	1092 *	1088 *	1077 *	1064 *
11.0	1145 *	1148 *	1147 *	1148 *	1145 *	1141 *	1136 *	1128 *	1117 *	1108 *
9.0	1196 *	1206 *	1205 *	1206 *	1196 *	1188 *	1187 *	1170 *	1167 *	1152 *
7.0	1293 *	1284 *	1281 *	1284 *	1293 *	1284 *	1277 *	1266 *	1259 *	1242 *
5.0	1330 *	1351 *	1359 *	1351 *	1330 *	1340 *	1329 *	1331 *	1319 *	1302 *
3.0	1266 *	1257 *	1261 *	1257 *	1266 *	1266 *	1264 *	1262 *	1255 *	1239 *
1.0	1156 *	1151 *	1152 *	1151 *	1156 *	1158 *	1154 *	1146 *	1133 *	1118 *
0.0	1094 *	1096 *	1096 *	1096 *	1094 *	1090 *	1087 *	1078 *	1068 *	1057 *
-1.0	1052 *	1048 *	1050 *	1048 *	1052 *	1054 *	1046 *	1040 *	1030 *	1016 *
-3.0	960 *	958 *	962 *	958 *	960 *	965 *	959 *	953 *	948 *	937 *
-5.0	882 *	888 *	882 *	888 *	882 *	881 *	879 *	876 *	871 *	861 *
-7.0	811 *	812 *	810 *	812 *	811 *	812 *	807 *	806 *	802 *	789 *
-9.0	747 *	747 *	748 *	747 *	747 *	746 *	744 *	738 *	730 *	724 *
-11.0	685 *	686 *	689 *	686 *	685 *	680 *	682 *	677 *	669 *	666 *
-13.0	636 *	636 *	635 *	636 *	636 *	633 *	631 *	629 *	624 *	618 *
-15.0	600 *	602 *	600 *	602 *	600 *	599 *	597 *	594 *	591 *	584 *
-17.0	575 *	576 *	575 *	576 *	575 *	573 *	571 *	569 *	563 *	559 *
-19.5	551 *	552 *	552 *	552 *	551 *	547 *	544 *	542 *	540 *	532 *
-22.5	448 *	455 *	452 *	455 *	448 *	436 *	427 *	427 *	442 *	419 *
-25.5	166 *	163 *	162 *	163 *	166 *	174 *	179 *	172 *	153 *	169 *
-29.0	53	53	54	53	53	53	52	49	50	51
-33.0	43	43	43	43	43	44	43	43	43	42
-37.5	38	38	38	38	38	38	37	37	37	37
-42.5	30	30	30	30	30	30	30	30	29	29
-47.5	19	19	19	19	19	19	19	19	19	19
-55.0	8	8	8	8	8	8	8	8	8	8
-65.0	3	3	3	3	3	3	3	3	3	3
-75.0	0	0	0	0	0	0	0	0	0	0
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

**Vert. Horizontal Angles**

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0	0	0	0	0	0	0	0	0	0
85.0	0	0	0	0	0	0	0	0	0	0
75.0	1	1	1	1	0	0	0	1	0	0
65.0	6	6	6	6	6	5	5	5	4	4
55.0	14	14	14	14	13	13	12	12	11	9
47.5	24	24	23	23	22	22	21	20	18	16
42.5	33	32	32	32	32	30	29	27	26	24
37.5	46	46	46	44	44	43	43	44	45	44
33.0	146 *	143 *	138 *	147 *	144 *	131	123	142 *	143 *	151 *
29.0	485 *	461 *	455 *	441 *	437 *	423 *	386 *	356 *	327 *	293 *
25.5	614 *	604 *	593 *	583 *	564 *	544 *	518 *	486 *	442 *	387 *

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**CANDELA TABULATION - (Cont.)**

22.5	723 *	713 *	701 *	686 *	665 *	637 *	606 *	568 *	515 *	453 *
19.5	852 *	840 *	823 *	801 *	778 *	740 *	701 *	652 *	590 *	510 *
17.0	941 *	929 *	911 *	890 *	858 *	817 *	769 *	713 *	641 *	557 *
15.0	1000 *	989 *	967 *	942 *	910 *	874 *	814 *	755 *	678 *	593 *
13.0	1053 *	1035 *	1014 *	987 *	956 *	916 *	856 *	792 *	715 *	627 *
11.0	1089 *	1075 *	1055 *	1028 *	998 *	958 *	898 *	837 *	755 *	658 *
9.0	1136 *	1122 *	1102 *	1076 *	1053 *	1006 *	956 *	896 *	796 *	708 *
7.0	1223 *	1210 *	1187 *	1163 *	1126 *	1082 *	1033 *	941 *	840 *	755 *
5.0	1285 *	1271 *	1248 *	1205 *	1181 *	1121 *	1039 *	959 *	882 *	774 *
3.0	1224 *	1207 *	1184 *	1149 *	1110 *	1066 *	1009 *	925 *	826 *	710 *
1.0	1106 *	1088 *	1064 *	1035 *	1001 *	958 *	897 *	824 *	740 *	641 *
0.0	1043 *	1024 *	1004 *	972 *	941 *	900 *	841 *	773 *	697 *	607 *
-1.0	1004 *	986 *	965 *	936 *	907 *	865 *	807 *	745 *	670 *	585 *
-3.0	924 *	910 *	891 *	865 *	839 *	795 *	740 *	687 *	617 *	542 *
-5.0	851 *	839 *	825 *	800 *	773 *	737 *	690 *	636 *	565 *	495 *
-7.0	782 *	772 *	755 *	737 *	714 *	684 *	642 *	590 *	531 *	464 *
-9.0	713 *	706 *	693 *	676 *	656 *	633 *	595 *	551 *	496 *	437 *
-11.0	656 *	650 *	638 *	622 *	605 *	585 *	553 *	516 *	468 *	409 *
-13.0	612 *	604 *	594 *	583 *	566 *	547 *	517 *	485 *	441 *	391 *
-15.0	578 *	571 *	563 *	551 *	537 *	516 *	491 *	459 *	418 *	372 *
-17.0	553 *	547 *	538 *	525 *	513 *	495 *	469 *	437 *	400 *	354 *
-19.5	529 *	519 *	514 *	504 *	489 *	467 *	441 *	413 *	379 *	316 *
-22.5	417 *	417 *	402 *	387 *	378 *	369 *	351 *	315 *	266 *	241 *
-25.5	168 *	158 *	164 *	164 *	162 *	160 *	154 *	138 *	122	132
-29.0	50	49	51	49	46	44	46	50	49	52
-33.0	42	42	41	41	40	39	37	35	32	29
-37.5	37	36	36	35	34	33	32	30	27	25
-42.5	29	29	29	28	27	26	25	23	21	19
-47.5	18	19	18	18	17	17	16	15	14	12
-55.0	8	8	8	8	8	8	7	6	6	5
-65.0	3	3	2	2	3	3	2	2	2	2
-75.0	0	0	0	0	0	0	0	0	0	0
-85.0	0	0	0	0	0	0	0	0	0	0
-90.0	0	0	0	0	0	0	0	0	0	0

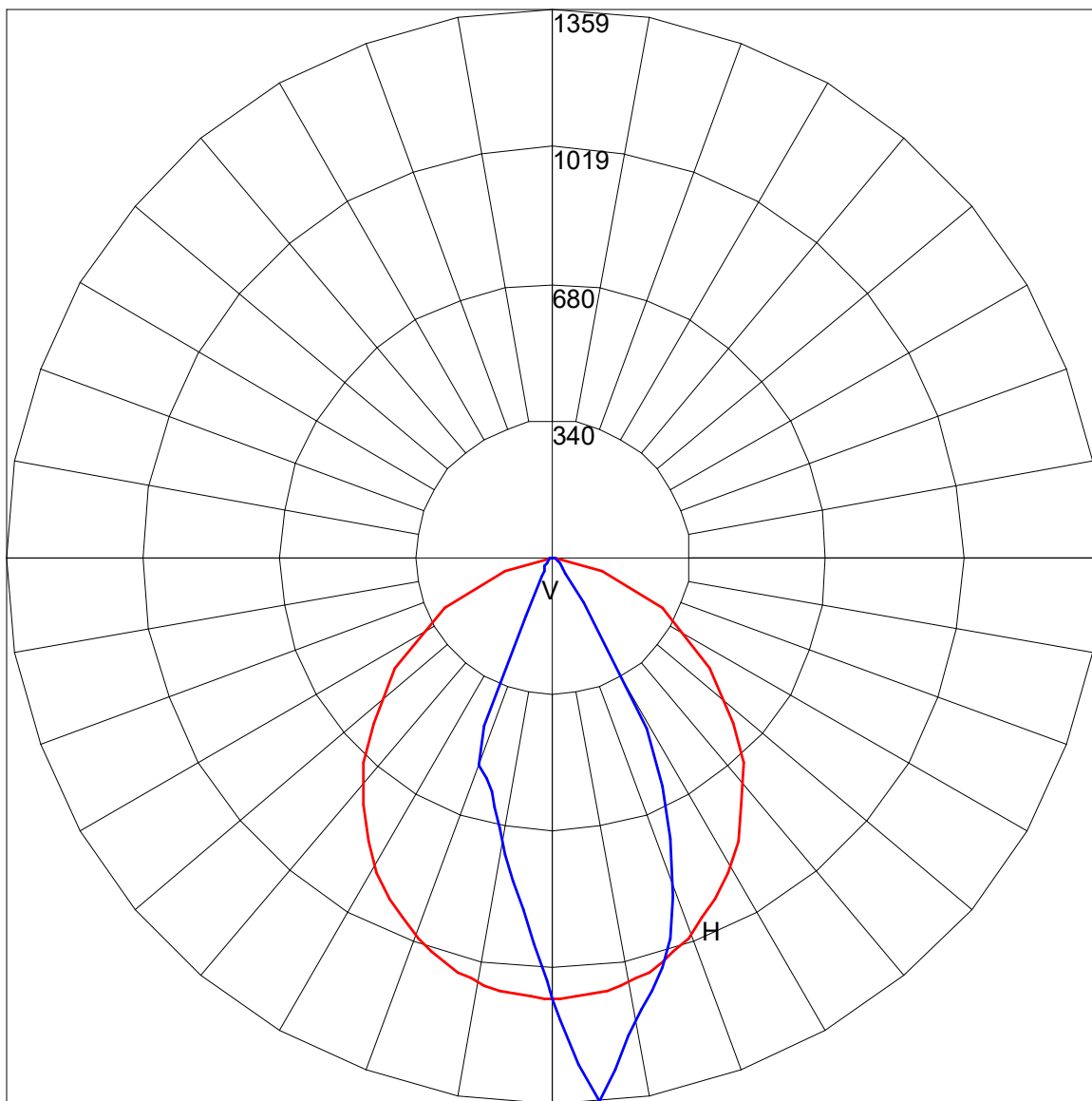
Vert. Angles	Horizontal Angles				
	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0	0	0	0	0
85.0	0	0	0	0	0
75.0	0	0	0	0	0
65.0	3	2	1	0	0
55.0	7	5	2	0	0
47.5	14	9	4	1	0
42.5	21	18	10	2	0
37.5	55	41	23	2	0
33.0	134	86	40	3	0
29.0	228 *	138 *	60	3	0
25.5	300 *	183 *	77	3	0
22.5	355 *	215 *	92	4	0
19.5	397 *	248 *	106	4	0
17.0	432 *	276 *	111	4	0
15.0	459 *	299 *	114	4	0
13.0	502 *	322 *	117	4	0
11.0	549 *	344 *	119	5	0
9.0	595 *	341 *	120	5	0

IES FLOOD REPORT  
PHOTOMETRIC FILENAME : L052510790.IES

CANDELA TABULATION - (Cont.)

7.0	632 *	334 *	122	5	0
5.0	590 *	326 *	124	5	0
3.0	548 *	317 *	124	5	0
1.0	502 *	306 *	124	5	0
0.0	479 *	300 *	124	5	0
-1.0	462 *	290 *	121	5	0
-3.0	428 *	270 *	114	5	0
-5.0	392 *	249 *	108	5	0
-7.0	356 *	228 *	100	4	0
-9.0	338 *	207 *	92	4	0
-11.0	322 *	187 *	85	4	0
-13.0	306 *	177 *	77	4	0
-15.0	289 *	166 *	68	3	0
-17.0	272 *	153 *	60	3	0
-19.5	246 *	133	50	3	0
-22.5	200 *	105	40	3	0
-25.5	118	73	30	2	0
-29.0	51	43	21	2	0
-33.0	24	21	12	2	0
-37.5	20	13	7	1	0
-42.5	16	9	3	1	0
-47.5	10	6	2	0	0
-55.0	4	2	1	0	0
-65.0	1	0	0	0	0
-75.0	0	0	0	0	0
-85.0	0	0	0	0	0
-90.0	0	0	0	0	0

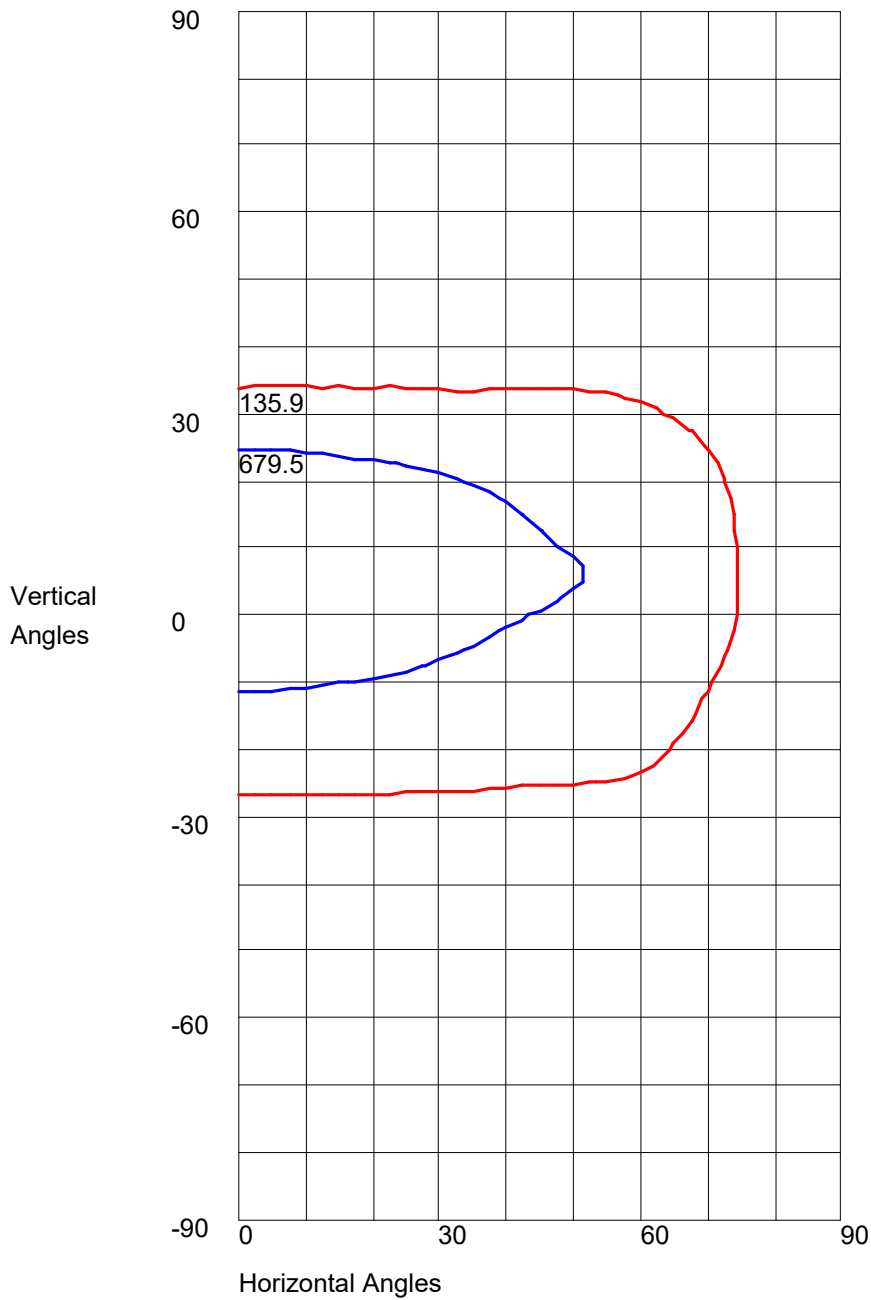
AXIAL CANDELA DISPLAY



Maximum Candela = 1359 Located At Horizontal Angle = 0, Vertical Angle = 5  
H - Horizontal Axial Candela  
V - Vertical Axial Candela



ISOCANDELA CURVES



Maximum Candela = 1359 Located At Horizontal Angle = 0, Vertical Angle = 5  
50% Maximum Candela = 679.5  
10% Maximum Candela = 135.9